

MONUMENT RECORD

Corner ID: InCr_021

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P280**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	20"	East	19.1'
Hickory	10"	S 60° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plat for Section 34 (IP set at fence corner)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34	MCSO RSID 002125
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust (Ramsey rebar found 20.0 feet south of corner)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap 5" below grade on the east side of a tractor path. The cap is stamped "MONROE COUNTY SURVEYOR S 27 ¼ + S34 21100022"

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar was found flush on the east side of tractor path in a deep rut. We added the aluminum cap and drove the rebar down to 5" below grade to help prevent it from being damaged. Wire fence remains were observed to the east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the rebar is unknown. A 2003 survey by Eric Deckard called the Ramsey rebar out as a 20 foot witness to the corner, but Deckard did not indicate that he set a rebar. The rebar fits reasonably well with the 1993 Ramsey survey, the 2003 Deckard survey, and other survey monuments in the area. We accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **0.7 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

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MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 4.9 feet southeast of the rebar on the edge of the tractor path with a yellow Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1369241.88', Easting: 3084470.33'

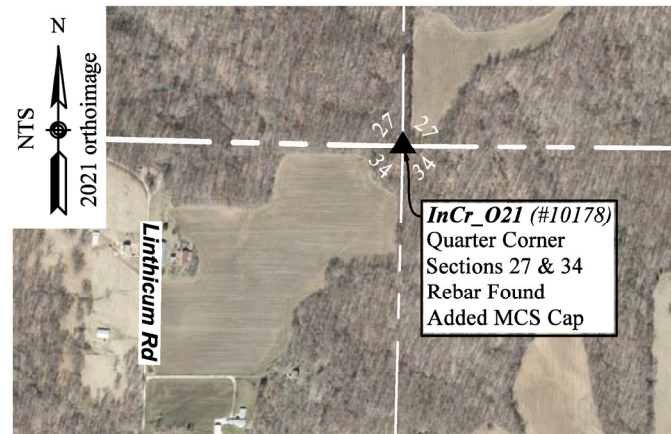
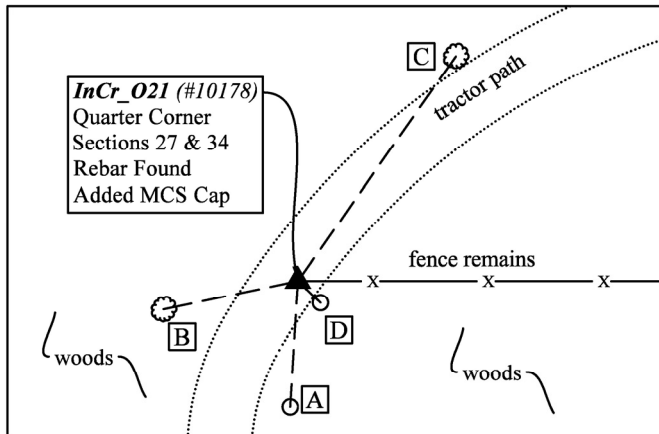
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 3°28'35" W	19.69'	5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY # S0374" found flush 1 foot south of the middle of a railroad tie post
B	S 78° W	21.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the northeast side of a 6" dbh elm
C	N 35° E	42.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of an 8" dbh tulip poplar
D	S 46° E	4.9'	T-post with Survey Marker sign 3 feet above grade on the east side of tractor path

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness Tie A was located with RTK.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_O21

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PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at O21**



Photo Orientation & Description: **Looking east at O21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

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OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: <i>Rachel Savich Oser</i>		Firm Name: <i>Oser Surveying & Mapping LLC</i>	
Phone: <i>812-320-2694</i>		Email: <i>Rachel@OserSurveying.com</i>	
Corner Classification: <i>Perpetuated</i>		Corner Coordinate Status: <i>Survey Grade</i>	
Issue Date: <i>2/23/2022</i>	Form Due Date: <i>3/31/2022</i>	Form Receipt Date: <i>7/27/2022</i>	
Recorded Instrument Number of Associated Corner Perpetuation Survey: <i>2022010375.IN</i>			

COUNTY SURVEYOR APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: <i>9/27/2022</i>	
<input type="checkbox"/> No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: <i>9/27/2022</i>	
<input type="checkbox"/> No, reasons for denial		